

LATENCY-REDUCING BANDWIDTH-PRIORITIZATION
FOR NETWORK SERVERS AND CLIENTS

Abstract of the Disclosure

Communications bandwidth available to network servers and computers running client processes is allocated among connections available to those devices based on sets of priorities. Those priorities include

5 type of information being retrieved, how fast user connections can receive information, which part of a document is being transmitted, user identity, stored indicia indicating importance of the document and the state of application processes running on said computer.

10 Bandwidth is reallocated on an event driven basis upon arrival of a new request for retrieval, finishing sending information in response to a retrieval request, cancellation of a retrieval request, detection of the inability of a user connection to use all of the
15 bandwidth allocated to it, a change of priority and timeout of a timer.